

WEEKLY CROP-WEATHER

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MINNESOTA AGRICULTURAL STATISTICS SERVICE IN COOPERATION WITH THE NATIONAL WEATHER SERVICE
TWIN CITIES INT'L AIRPORT, UNIV. OF MINN. EXTENSION SERVICE, AND STATE CLIMATOLOGY, DNR

MORE SUNSHINE AND LESS RAIN

The weather improved this week with more sunshine and less rainfall, according to the Minnesota Agricultural Statistics Service. Rains were spotty this week across the state. Tornadoes and hail damaged crops in Chisago, Isanti, Kanabec and Pine Counties on Monday, June 18th. Crop growth and development are still lagging due to the late planting season. Weed control is becoming a problem due to delayed spraying.

Corn height averaged 13 inches, compared with 23 inches this time last year. The 5-year average is 21 inches. The corn condition rating of good to excellent is 46%, up 2% from the previous week.

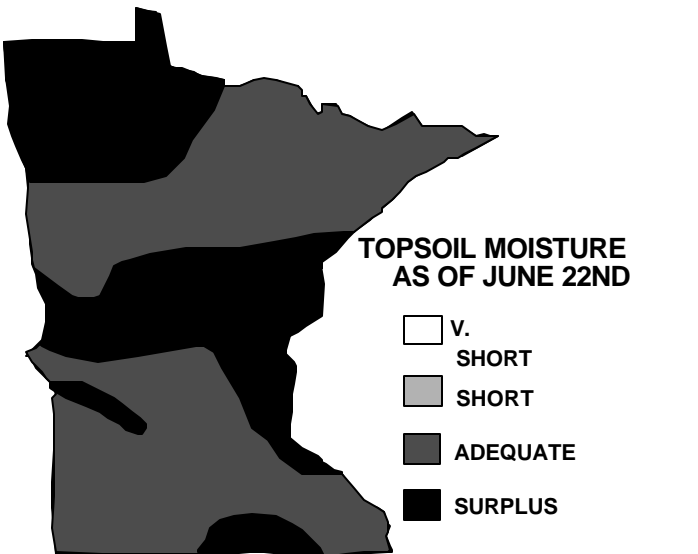
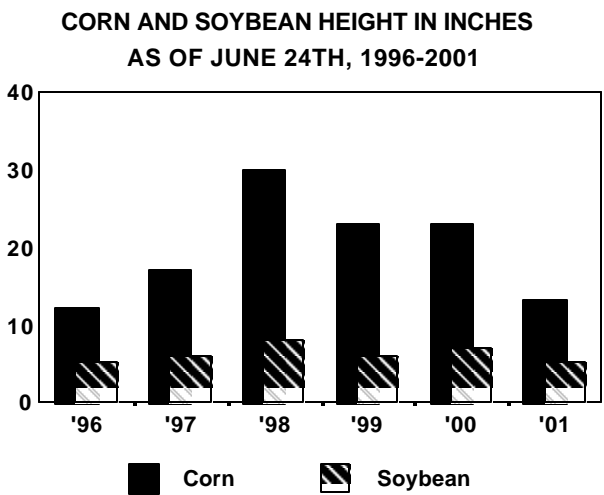
Soybeans are 95% emerged, compared to 99% a year ago, and 97% for the 5-year average. Soybean height is 5 inches, compared with 7 inches this time last year. The 5-year average is 6 inches. The soybean condition rating of good to excellent is 45%, compared to last week's rating of 43%.

Spring wheat is 41% jointed, compared with 89% last year and 74% for the 5-year average. Spring wheat is heading on 8% of the acres, compared to 49% a year ago and 30% for the 5-year average. Spring wheat conditions are rated 63% good to excellent, down from the rating the previous week of 76%.

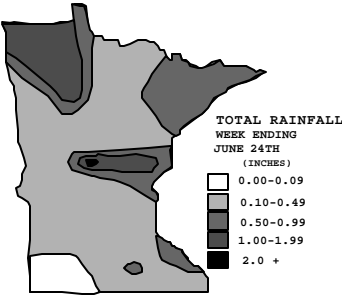
Pasture conditions are rated as 82% good to excellent. The first cutting of alfalfa hay is 77% completed, compared to the 5-year average of 86%. Producers are busy harvesting the first cutting of alfalfa.

Topsoil moisture conditions across the state as of June 22nd were rated 55% adequate and 45% surplus.

Days Suitable for Fieldwork: 3.5								
		Very Short	Short	Ade-quate	Surplus			
Topsoil Moisture (%)		0	0	55	45			
Crop Progress as of June 24, 2001								
Crop	Stage of Development	5 Yr Avg	Last Year	Last Week	This Week			
-----Percent-----								
Corn	Height-Inches	21	23	7	13			
Soybeans	Emerged	97	99	82	95			
	Height-Inches	6	7	3	5			
Spring Wheat	Jointed	74	89	23	41			
	Heading	30	49	0	8			
Oats	Jointed	85	90	39	68			
	Heading	41	56	0	15			
Barley	Jointed	69	88	26	45			
	Heading	26	45	0	8			
Sweet Corn	Planted	96	98	84	91			
Alfalfa Hay	First Cutting	86	86	58	77			
Crop Condition as of June 22 nd								
	V. Poor	Poor	Fair	Good	Exc.			
Pasture	1	2	15	63	19			
Corn	3	9	42	41	5			
Soybeans	4	11	40	40	5			
Spring Wheat	4	9	24	52	11			
Oats	4	6	18	56	16			
Barley	3	7	24	51	5			
Sugarbeets	2	9	31	49	9			
District Progress as of June 22, 2001								
CROP	NW	NC	WC	CENT	EC	SW	SC	SE
Corn height	6	7	11	11	7	10	10	11
Soybean height	3	3	4	4	3	4	4	4



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING June 24,2001:
Temperatures averaged from 1.2 degrees below normal in the South Central District to 2.8 degrees below normal in the Northeast District. Extremes: 34° in Hibbing;97° in Redwood Falls. Precipitation averaged from 0.11 inch below normal in the Northwest District to 0.84 inch below normal in the Southwest District. Greatest weekly total was 2.32 inches.



Precipitation and Temperature Summary for 06/18/2001 through 06/24/2001

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 4/1	Since May 16	Depart from Norm
<u>NW DIST 1</u>										
Crookston	82	42	62.2	-4.0	.43	-.40	-1.03	-1.01	490	-37
Moorhead	87	46	64.2	-2.9	.28	-.39	.44	1.70	494	-65
Warroad	82	48	62.6	-1.1	1.36	.46	.30	5.08	436	-8
<u>NC DIST 2</u>										
Grand Rapids	82	41	63.0	-.6	.13	-.86	.17	5.37	475	26
Intl. Falls	87	38	62.3	-.6	.18	-.78	-.83	3.59	433	-1
Itasca	80	44	61.2	-2.7	1.11	.06	-.26	2.64	428	-28
<u>NE DIST 3</u>										
Duluth	77	43	59.2	-2.1	.51	-.40	-1.04	5.79	354	-18
Grand Marais	71	41	51.4	-3.9	.65	-.18	-.22	6.74	150	-97
Hibbing	80	34	59.3	-2.4	.52	-.42	-1.22	1.71	400	2
<u>WC DIST 4</u>										
Alexandria	85	48	65.1	-2.2	.45	-.54	-3.03m	-.32m	451	-108
Browns Valley	89	46	65.2	-3.0	.38	-.50	.49	4.55	513	-67
Canby	89	46	67.6	-2.5	.13	-.76	-.23	6.48	553	-84
Fergus Falls	85	47	64.6	-2.0	.48	-.42	2.61	5.89	508	-34
Montevideo	85	48	65.6	-3.6	.23	-.70	.17	5.08	519	-99
Morris	87	48	66.1	-1.3	.11	-.79	.80	4.82	518	-44
<u>CENT DIST 5</u>										
Becker	84	46	66.3	-.0	.12	-.96	-.44	4.94	505	-29
Hutchinson	89	48	68.0	-1.0	.12	-.93	-.60	4.60	540	-71
Olivia	88	48	66.6	-3.4	.17	-.77	-1.03	3.22	543	-97
St. Cloud	83	44	65.0	-1.2	.36	-.74	-1.11	6.31	469	-61
Staples	83	46	63.0	-2.1	2.32	1.24	4.17	8.12	442	-54
Willmar	85	46	66.7	-1.9	.10	-1.10	-1.86	1.76	519	-80
<u>EC DIST 6</u>										
Aitkin	71m	52m	61.5m	-3.1m	.38m	-.62m	.85m	7.02m	381m	-94m
Cambridge	80	49	63.0	-4.1	.64	-.42	1.11	8.17	428	-132
MSP Airport	87	52	69.1	-.7	.29	-.67	2.09	8.30	547	-85
St. Paul - UofM	86	49	69.1	-.9	.24	-.89	-.15	6.98	562	-102
<u>SW DIST 7</u>										
Lamberton	92	48	67.2	-2.6	.01	-.83	-1.14	3.88	532	-106
Pipestone	89	44	66.0	-1.9	.05	-.86	.14	5.41	524	-53
Redwood Falls	97	47	68.4	-2.4	.11	-.73	-1.90	2.51	533	-144
Worthington	91	51	68.4	-.2	0	-.98	.57	6.82	536	-60
<u>SC DIST 8</u>										
Faribault	90	49	66.8	-1.9	.25	-.59	2.41	6.60	514	-85
Waseca	93	52	67.9	-.6	.65	-.33	2.53	7.09	533	-70
Winnebago	90	50	68.1	-1.0	.11	-.94	.66	6.91	541	-76
<u>SE DIST 9</u>										
Preston	89m	44m	66.0m	-1.4m	.25m	-.75m	-.86m	4.25m	489m	-69m
Red Wing	90	53	66.9	.3	.53	-.51	1.18	3.61	530	0
Rochester	90	48	65.9	-2.1	.20	-.69	1.65	10.47	474	-103
Rosemount	86	50	66.4	-2.2	.28	-.73	.38	4.44	500	-90
Winona	89	51	66.0	-3.1	.91	.05	.84	4.84	519	-91

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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